

Description  
Hypothesis  
Rationale  
Experiment ID(s) and  
Name(s)  
Experiment Sample ID(s)  
and short description  
Taxonomy ID

or  
many

Belongs to

Can have

One  
or  
many

Type  
Descriptor/value

Belongs to

Zero  
one  
or  
many

## Experimental Sample Reagent

Experimental Sample Reagent Type (Affymetrix Gene Chip, flow  
cytometry antibody)

Experimental Sample Reagent Value (HGU95, CD4-FITC)

Experimental Sample Reagent Description (e.g. GPL and cdf files  
that describes sub-platform)

Manufacturer

Web link

Contact

Experiment Number

Measurement Technique

Measurements

Experiment ID(s)  
Control ID(s)  
Experiment Sample ID(s) and short description  
Experiment Sample Replicate Group ID(s)  
Links, supplemental websites or  
Accession numbers

One  
or  
many

Can have

## Experimental Sample Protocol

Experimental Sample Protocol Accession Number

Experimental Sample Protocol Type

Name

Keywords

Summary

Description (either text pasted into a text box or  
upload .txt file, including hardware/software used)

One  
or  
many

Can have

## Experimental Sample Responding Variable